

1273.65478



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Rainer Lochschmied)
Serial No.: 09/850,529)
Filed: May 7, 2001)
For: REGULATING DEVICE FOR)
A BURNER)
Group Art Unit: 1741)

I hereby certify that this paper is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on this date.

8/7/01 *[Signature]*
Date Registration No. *26174*
F-CLASS.CER Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with Sec. 1.56, 1.97 and 1.98 of the Patent Office Rules of Practice, Applicant hereby submits the following statement consisting of:

- I. A list of documents;
- II. A concise explanation of the relevance of three listed documents; and
- III. General remarks.

A copy of each listed document is enclosed herewith.

I. DOCUMENTS

1. European Patent Application 0 909 922 A1, dated April 21, 1999.
2. European Patent Application 0 806 610 A2, dated November 12, 1997.
3. German Patent 39 37 290 A1, dated May 17, 1990.
4. Italian Patent 95U 000566, dated July 27, 1995.

II. EXPLANATION OF RELEVANCE

German Patent 39 37 290 A1 describes a test structure for regulating the gas-air ratio, in which the ionization electrode is supplied with a DC voltage.

European Patent No. 0909 922 and Italian Patent 95U 000566 describe regulating devices for gas burners that appeared years ago. In a simplified illustration, those specifications describe how the setting member is controlled on the basis of a stored characteristic, in the event of dynamically rapid changes in the gas or air volume flow. In contrast, in the event of slow changes in the gas or air volume flow, fine setting occurs on the basis of regulation with the ionization signal as a measurement parameter.

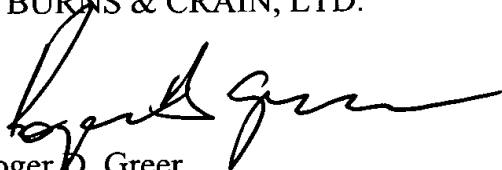
III. GENERAL MATTERS

It is respectfully requested that the above-listed documents be made of record in the present application.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By


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August 7, 2001

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